# CSP13 Chip Seal Patcher

LEEBOY
FAYAT GROUP




Applying a chip seal requires a highly efficient piece of equipment like the LeeBoy CSP13 to ensure precise aggregate and emulsion distribution. The synchronized spraying and chipping mechanism allows application in a single pass, preventing tire tracking and securing immediate aggregate retention. Trusting in the proven reliability and cutting-edge automation that can only be found in this machine's integrated design, the LeeBoy CSP13 yields long-lasting, top-notch performance for all surface treatment projects.

## Performance Features:

- Integrated Emulsion Sprayer and Chipspreader Chassis
- New Pilot System with Touchscreen and Joystick
- Efficient Single-Operator Control with No Rear Crew Required
- Forward-Operation Protection to Prevent Tire Tracking
- Fully Computerized Application Rate Monitoring
- 15' Heated Telescopic Spraybar with 8" Lateral Shift









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| Tank Capacity | - 1,320 gallons |
| Tank | - Transversal baffles to prevent emulsion from shifting between the front and the rear of the tank<br>- Manhole protected and insulated equipped with quick opening and an overflow pipe<br>- Access platform to the manhole, with safety guardrails |
| Insulation | - 4” heat insulation<br>- High-density Rockwool layer<br>- Protected by an aluminum sheet cover |
| Heat System | - Automatically controlled diesel fired burner with electric ignition<br>- U-type heating tube<br>- Single exhaust stack is contructed of stainless steel<br>- 13.2-gallon independent diesel fuel tank<br>- Dial thermostat allows setting the desired emulsion temperature |
| Emulsion Pump | - External gear pump<br>- Driven by a hydraulic motor |
| Emulsion System | - Modular valve block with pnumatic control, operated via computer from the cab |
| Clean Out | - Re-suction of the emulsion system and spray bar after spraying, with return flow to the tank<br>- Complete system cleaning using pressurized air<br>- Intake for injecting emulsion release agent into the emulsion system |
| Spray System | - Spraybar: 15’ telescopic bar<br>- Nozzles: spaced on 4” centers on spraybar<br>- Spraybar shift: 8” each way<br>- Spraybar heated by coolant fluid<br>- Designed in 3 sections: one main section and two extensions<br>- Complete emulsion circulation via two rigid feed pipes with swivel joints<br>- Height adjustment via two individually controlled hydraulic jacks<br>- Hand spray want with a 50’ hose |
| Hopper | - Capacity: 10 cubic yards (7.65 cubic m)<br>- Two conveyor belts activated according to chip demand |
| Telescopic Chip Spreader | - 15’ spreaderbox<br>- Fed from the buffer hopper<br>- 22 8” gates, articulated on a single axle, pneumatically controlled |
| Controls | - 7” ergonomic screen features access to various functions such as continuous emulsion/chip application rates, spray bar width, emulsion pump and truck working speeds, and peripheral malfunction warning messages |
| Additional Standard Equipment | - Unloading valve<br>- Loading valve<br>- Overnight heating system<br>- Screening grid on top of hopper<br>- Uptime kit<br>- Washdown system with automatic reel and cleaning gun<br>- Backup camera<br>- Additional camera on top of hopper<br>- Full automatic cleaning process piloted from cab<br>- Washing hands kit (water and soap)<br>- New pilot - front camera and joystick for patching job |

*Published Weights are approximate weight and will vary contingent on options.

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PRODUCT 2 YEAR WARRANTY

LeeBoy, Inc. ▪ 500 Lincoln County Parkway Extension ▪ Lincolnton, NC 28092 ▪ 704.966.3300 www.LeeBoy.com

Sourcewell Awarded Contract Contract # 052417-VTL

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